

(1) A thorough working knowledge of the applicable requirements of this chapter.

(2) A position, on the applicant's staff, with authority to establish alteration programs that ensure that altered products meet the applicable requirements of this chapter.

(3) At least one year of satisfactory experience in direct contact with the FAA (or its predecessor agency (CAA)) while processing engineering work for type certification or alteration projects.

(4) At least eight years of aeronautical engineering experience (which may include the one year required by paragraph (b)(3) of this section).

(5) The general technical knowledge and experience necessary to determine that altered products, of the types for which a DAS authorization is requested, are in condition for safe operation.

§ 21.441 Procedure manual.

(a) No DAS may exercise any authority under this subpart unless it submits, and obtains approval of, a procedure manual containing—

(1) The procedures for issuing STCs; and

(2) The names, signatures, and responsibilities of officials and of each staff member required by § 21.439(a)(4), identifying those persons who—

(i) Have authority to make changes in procedures that require a revision to the procedure manual; and

(ii) Are to conduct inspections (including conformity and compliance inspections) or approve inspection reports, prepare or approve data, plan or conduct tests, approve the results of tests, amend airworthiness certificates, issue experimental certificates, approve changes to operating limitations or Aircraft Flight Manuals, and sign supplemental type certificates.

(b) No DAS may continue to perform any DAS function affected by any change in facilities or staff necessary to continue to meet the requirements of § 21.439, or affected by any change in procedures from those approved under paragraph (a) of this section, unless that change is approved and entered in the manual. For this purpose, the manual shall contain a log-of-revisions

page with space for the identification of each revised item, page, or date, and the signature of the person approving the change for the Administrator.

§ 21.443 Duration.

(a) A DAS authorization is effective until it is surrendered or the Administrator suspends, revokes, or otherwise terminates it.

(b) The DAS shall return the authorization certificate to the Administrator when it is no longer effective.

§ 21.445 Maintenance of eligibility.

The DAS shall continue to meet the requirements for issue of the authorization or shall notify the Administrator within 48 hours of any change (including a change of personnel) that could affect the ability of the DAS to meet those requirements.

§ 21.447 Transferability.

A DAS authorization is not transferable.

§ 21.449 Inspections.

Upon request, each DAS and each applicant shall let the Administrator inspect his facilities, products, and records.

§ 21.451 Limits of applicability.

(a) DAS authorizations apply only to products—

(1) Covered by the ratings of the repair station applicant;

(2) Covered by the operating certificate and maintenance manual of the air carrier or commercial operator applicant; and

(3) For which the manufacturer applicant has alteration authority under § 43.3(i) of this subchapter.

(b) DAS authorizations may be used for—

(1) The issue of supplemental type certificates;

(2) The issue of experimental certificates for aircraft that—

(i) Are altered by the DAS under a supplemental type certificate issued by the DAS; and

(ii) Require flight tests in order to show compliance with the applicable airworthiness requirements of this chapter; and